ELSEVIER

Journal of Immunological Methods 186 (1995) 329–330

JOURNAL OF IMMUNOLOGICAL METHODS

Contents to volume 186 (1995)

Number 1 – 10 October 1995

Review article

Antibodies to lipopolysaccharide
I.R. Poxton (UK) 1

Research reports

Long-term production of human monoclonal antibodies by human-mouse heterohybridomas
K. Yoshinari, K. Arai, H. Kimura, K. Matsumoto and Y. Yamaguchi (Japan) 17

Preparation of soluble recombinant T cell receptor α chain by using a calmodulin fusion expression system
Y. Ishii, T. Nakano, N. Honma, N. Yuyama, Y. Yamada, H. Watarai, T. Tomura, M. Sato, H. Tsumura, T. Ozawa, T. Mikayama and K. Ishizaka (USA, Japan) 27

Cytokine-based human whole blood assay for the detection of antigen-reactive T cells
N. Petrovsky and L.C. Harrison (Australia) 37

Determination of humanized anti-Tac in human serum by a sandwich enzyme linked immunosorbent assay
B.E. Fayer, P.P. Soni, M.H. Binger, D.R. Mould and H. Satoh (USA) 47

A novel ELISA for the assessment of classical pathway of complement activation in vivo by measurement of C4-C3 complexes
J. Zwirner, G. Dobos and O. Götze (Germany) 55

Fetal calf serum in growth medium obscures the detection of early anticardiolipin antibody secreting clones
S. Menon and D.A. Isenberg (UK) 65

Phosphatidylinositol hydrolysis in freshly isolated human T lymphocytes
S.M. Berney and T.P. Atkinson (USA) 71

Multiple estimation of concentrations in immunoassay using logistic models
J.F. Robison-Cox (USA) 79

Radioimmunoassays for glutamic acid decarboxylase (GAD65) and GAD65 autoantibodies using ^{35}S or ^{3}H recombinant human ligands
A. Falorni, E. Örtqvist, B. Persson and Å. Lernmark (Sweden, Italy) 89

The use of non-radioactive chromium as an alternative to ^{51}Cr in NK assay
P. Borella, A. Bargellini, S. Salvioli, C. Incerti Medici and A. Cossarizza (Italy) 101

Scanning tunnelling microscopy and dynamic contact angle studies of the effects of partial denaturation on immunoassay solid phase antibody
J. Davies, A.C. Dawkes, A.G. Haymes, R.F. Sunderland and J.C. Edwards (UK) 111

Selection of specific phage-display antibodies using libraries derived from chicken immunoglobulin genes
E.L. Davies, J.S. Smith, C.R. Birkett, J.M. Manser, D.V. Anderson-Dear and J.R. Young (UK) 125

Establishment of an enzyme-linked immunosorbent assay (ELISA) for measuring cellular MAGE-4 protein on human cancers
S. Shichijo, R. Tsunosue, K. Kubo, T. Kuramoto, Y. Tanaka, A. Hayashi and K. Itoh (Japan) 137

Short communication

Variability in the growth sustaining capacity of medium batches
A.W. Hügin, E. Rudikoff and H.C. Morse III (USA) 151

Notes to authors 155

Number 2 – 26 October 1995

Commentary

Immunoassays for detecting cytokines: What are they really measuring?
A.R. Mire-Sluis, R. Gaines-Das and R. Thorpe (UK) 157

Research reports

Homologous ELISA for detection of oligomeric human TNF: properties of the assay
N. Petyovka, L. Lyach and N.N. Voitenok (Belarus) 161
Variable estimates of cytokine levels produced by commercial ELISA kits: results using international cytokine standards
A. Ledur, C. Fitting, B. David, C. Hamberger and J.-M. Cavaillon (France) 171
Soluble T cell receptors: detection and quantitative assay in fluid phase via ELISA or immuno-PCR
J. Sperl, V. Paliwal, R. Ramabhadran, B. Nowak and P.W. Askenase (USA) 181
Production of specific antibodies and development of a non-isotopic immunoassay for carbamazepine by the carbonyl metallo-immunoassay (CMIA) method
A. Varenne, A. Vessières, M. Salmain, P. Brossier and G. Jaouen (France) 195
Influence of antigen presentation and exogenous cytokine activity during in vitro primary immunizations employed for the generation of monoclonal antibodies
G. Halabi and K.C. McCullough (Switzerland) 205
Effects of ex vivo manipulation on the expression of cell adhesion molecules on neutrophils
P.P. Youssef, B.X. Mantzioris, P.J. Roberts-Thomson, M.J. Ahern and M.D. Smith (Australia) 217
A radioreceptor binding assay for platelet-activating factor (PAF) using membranes from CHO cells expressing human PAF receptor
Y. Aoki, M. Nakamura, H. Kodama, T. Matsumoto, T. Shimizu and M. Noma (Japan) 225
Positive selection of NK1.1$^+$ cells on a magnetic cell separator (MACS)
C.A. Ellison and J.G. Gartner (Canada) 233
Baculovirus expression of a functional single-chain immunoglobulin and its IL-2 fusion protein
R. Bei, J. Schlom and S.V.S. Kashmiri (USA) 245
CD5-mediated specific delivery of DNA to T lymphocytes: compartmentalization augmented by adenovirus
J.R. Merwin, E.P. Carmichael, G.S. Noell, M.E. DeRome, W.L. Thomas, N. Robert, G. Spitalny and H.C. Chiou (USA) 257
Optimisation of CCL64-based bioassay for TGF-β
L. Garrigue-Antar, I. Barbieux, B. Lieubeau, O. Boisteau and M. Grégoire (France) 267
Quantitative multiwell myeloid differentiation assay using dichlorodihydrofluorescein diacetate (H_2DCF-DA) or dihydro-rhodamine 123 (H_2R123)
I.D. Trayner, A.P. Rayner, G.E. Freeman and F. Farzaneh (UK) 275
Monocyte aggregation around agarose beads in collagen gels: a 3-dimensional model of early granuloma formation?
G.F. Franklin, G. Coghill, L. McIntosh and I.A. Cree (UK) 285
Modification of monoclonal and polyclonal IgG with palladium (II) coproporphyrin I: stimulatory and inhibitory functional effects induced by two different methods
S.P. Martsev, V.A. Preygerzon, Y.I. Mel'nikova, Z.I. Kravchuk, G.V. Ponomarev, V.E. Lunev and A.P. Savitsky (Belarus, Russia) 293
A modified screening method for pcDNA-1 expression libraries which is applicable to both surface and intracellular antigensCloning of a colon carcinoma antigen
T. Grimm and J.P. Johnson (Germany) 305
TCRBV23 specificity of two monoclonal antibodies revealed by a panel of human Vβ chains expressed in mouse cells
F. Romagné, O. Kanagawa, J. David-Ameline, M.-A. Peyrat, M. Bonneville and A. Necker (France, USA) 313
Automated reading and processing of quantitative IgG, IgM, IgA, and IgE isotypic agglutination results in microplates. Development and application in parasitology-mycology
D. Aubert, F. Foudrinier, M.L. Kaltenbach, D. Guyot-Walser, C. Marx-Chemla, R. Geers, H. Lepan and J.M. Pinon (France) 323

Contents to volume 186 (1995) 329

Notes to authors 331